

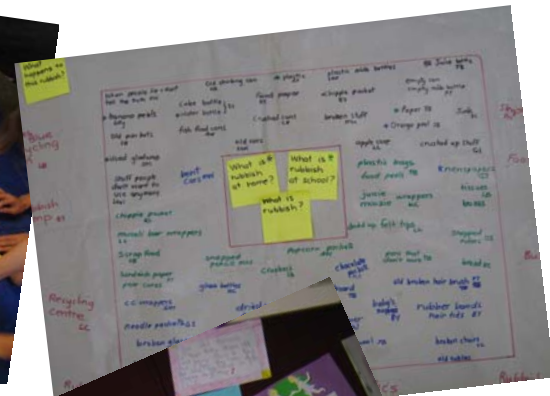
What does thinking look like at Te Pahu School



- *Classes that learn how to ask ask questions.*



- *Classes that use define charts.*



Then classify and make statements



- *Using Rubrics for planning, self-assessment, assessment, and reporting to parents*

Assessment Rubric

Novice		Apprentice		Practitioner		Expert	
☹️						😊	
●							
Complete Count Define Describe Identify List Match Name Observe Memorise Select	Recite Scan	Discuss Classify Recognise Outline	Compare / Contrast Sort Sequence Distinguish Explain Infer Analyse Synthesise Summarise Solve Debate / argue (about)	Reflect Translate Calculate	Evaluate Generalise Imagine Judge Predict Speculate Apply Hypothesise Critique Propose Debate / argue (for/against)	Forecast Create Plan	Blue Hat Green Hat
White Hat Red Hat				Yellow Hat Black Hat			

Times Tables

	X2	X3	X4	X5	X6	X7	X8	X9
2	4	6	8	10	12	14	16	18
3	6	9	12	15	18	21	24	27
4	8	12	16	20	24	28	32	36
5	10	15	20	25	30	35	40	45
6	12	18	24	30	36	42	48	54
7	14	21	28	35	42	49	56	63
8	16	24	32	40	48	56	64	72
9	18	27	36	45	54	63	72	81

Times Tables Progression

Stage	Apprentice	Practitioner	Expert
1-2 correct	4-6 correct	7-8 correct	9-10 correct
None for mistakes	Study first three mistakes	Study first two mistakes	Study first mistake
Slow (really slow)	Slow	Medium speed	Fastest possible
Fast confident	A little confident	Some confident	Confident
Needs help	Looking at the TIMES TABLES	Beginning to use the TIMES TABLES	Use the TIMES TABLES
			Know they have to be 100% correct

• *Children who metacogitate!*

"If we are an expert at one of say 3 times tables we know that we have to go through the steps . . . novice, then apprentice, then practitioner, to get to be an expert at the 4 times tables."

"So does that mean being a novice isn't bad?"

"What happens if I am an expert at knowing my speech but I am a novice at saying it in front of an audience?"

"Could she set a goal just for that?"

"And a novice would ask for help to improve her confidence"